

Cash Flow Projection

DMS Biennial Budget State Fiscal Years (SFY) 2016 / 17 and 2017 / 18

Summary

Line Item*	SFY 2016 / 17				SFY 2017 / 18				Total
	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
	07/16 - 09/16	10/16 - 12/16	01/17 - 03/17	04/17 - 06/17	07/17 - 09/17	10/17 - 12/17	01/18 - 03/18	04/18 - 06/18	
Administration									
Salaries	\$ 606,046	\$ 606,046	\$ 606,046	\$ 606,046	\$ 624,227	\$ 624,227	\$ 624,227	\$ 624,227	\$ 4,921,092
Operating	\$ 80,600	\$ 80,600	\$ 80,600	\$ 80,600	\$ 81,755	\$ 81,755	\$ 81,755	\$ 81,755	\$ 649,420
Int. System of Record	\$ 200,000	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400,000
SPO and legal	\$ 36,100	\$ 36,100	\$ 36,100	\$ 36,100	\$ 37,000	\$ 37,000	\$ 37,000	\$ 37,000	\$ 292,400
Restoration	\$ 6,552,913	\$ 10,615,476	\$ 8,567,103	\$ 9,130,686	\$ 11,944,566	\$ 9,118,495	\$ 6,374,536	\$ 3,050,215	\$ 65,353,990
Stewardship	\$ 78,000	\$ 78,000	\$ 78,000	\$ 78,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 612,000
Planning Framework	\$ 135,215	\$ 81,500	\$ 92,000	\$ 189,500	\$ 256,000	\$ 234,500	\$ 217,500	\$ 127,000	\$ 1,333,215
Total (by Quarter)	\$ 7,688,874	\$ 11,697,722	\$ 9,459,849	\$ 10,120,932	\$ 13,018,548	\$ 10,170,977	\$ 7,410,018	\$ 3,995,197	\$ 73,562,117

Total (Annual)

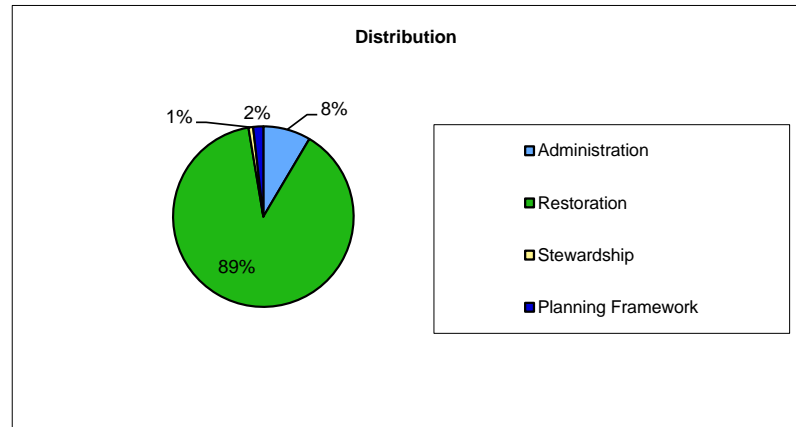
\$ 38,967,377

\$ 34,594,741 \$ 73,562,117

* See individual linetabs for details

Summary

Administration	\$ 6,262,912
Restoration	\$ 65,353,990
Stewardship	\$ 612,000
Planning Framework	\$ 1,333,215
Biennial Total	\$ 73,562,117



Note: Biennial budget reflects operating requirements of Code of Federal Regulations as agreed with the USACE, Wilmington District

Salary and Operating Expenses

Biennial Budget State Fiscal Years (SFY) 2016 / 17 and 20					SFY 2017 / 18				Total
Salary & Operations	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
Salaries	\$ 606,046	\$ 606,046	\$ 606,046	\$ 606,046	\$ 624,227	\$ 624,227	\$ 624,227	\$ 624,227	\$ 4,921,092
Operations	\$ 80,600	\$ 80,600	\$ 80,600	\$ 80,600	\$ 81,755	\$ 81,755	\$ 81,755	\$ 81,755	\$ 649,420
Dynamics CRM database	\$ 200,000	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400,000
Salary & Operations Total	\$ 886,646	\$ 886,646	\$ 686,646	\$ 686,646	\$ 705,982	\$ 705,982	\$ 705,982	\$ 705,982	\$ 5,970,512

Supporting Positions	SFY 2016 / 17				SFY 2017 / 18				Total
	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
State Property Office*	\$ 21,600	\$ 21,600	\$ 21,600	\$ 21,600	\$ 22,000	\$ 22,000	\$ 22,000	\$ 22,000	\$ 174,400
Legal**	\$ 14,500	\$ 14,500	\$ 14,500	\$ 14,500	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 118,000
Supporting Positions Total	\$ 36,100	\$ 36,100	\$ 36,100	\$ 36,100	\$ 37,000	\$ 37,000	\$ 37,000	\$ 37,000	\$ 292,400

*SPO funding for 85% of one position.

**85% of DMS's share (1/2) for DEQ legal position

Salary and Operating Expenses - Total	SFY 2016 / 17				SFY 2017 / 18				Total
	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
	\$ 922,746	\$ 922,746	\$ 722,746	\$ 722,746	\$ 742,982	\$ 742,982	\$ 742,982	\$ 742,982	\$ 6,262,912

Restoration Summary

DMS Biennial Budget State Fiscal Years (SFY 2016 / 17				SFY 2017 / 18				Total
	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8		
Design-Bid-Build	\$ 206,958	\$ 415,193	\$ 413,501	\$ 705,309	\$ 587,750	\$ 79,667	\$ 35,000	\$ -	\$ 2,443,378
Design-Build	\$ -	\$ -	\$ 622,165	\$ 1,900,000	\$ 311,000	\$ -	\$ 124,500	\$ -	\$ 2,957,665
Full Delivery	\$ 5,500,251	\$ 9,517,867	\$ 6,924,574	\$ 5,466,209	\$ 9,754,758	\$ 8,412,841	\$ 6,168,297	\$ 2,944,983	\$54,689,780
Monitoring/Maintenance	\$ 95,704	\$ 182,416	\$ 106,862	\$ 59,168	\$ 41,058	\$ 125,987	\$ 46,739	\$ 105,232	\$ 763,167
Actual cost adjustment for in-lieu payments ¹	\$ 750,000	\$ 500,000	\$ 500,000	\$ 1,000,000	\$ 1,250,000	\$ 500,000	\$ -	\$ -	\$ 4,500,000
Restoration Summary Total	\$ 6,552,913	\$ 10,615,476	\$ 8,567,103	\$ 9,130,686	\$ 11,944,566	\$ 9,118,495	\$ 6,374,536	\$ 3,050,215	\$ 65,353,990

Note: Currently, there are 33 active design-bid-build contracts, 1 active Design-Build contracts and 56 active full delivery contracts.

¹ These numbers are placeholder estimates to be approved on an individual project basis with the DOT Inspector General's Office. Such costs are associated with NCDOT payments into the Wetlands Restoration Program (WRP) for mitigation associated with multiple TIPs that were constructed between 1999 and 2005. Significant mitigation amounts were accepted by the WRP and paid by the NCDOT before sufficient data was available related to the actual cost of mitigation and agreements were put in place for cost recovery that would not exceed the actual cost of producing the mitigation. Procedures for reconciling such costs are documented through the Inspector General's Office.

The term **restoration** is used to describe stream and wetland restoration activities, monitoring, maintenance, land, and special studies. Contained under this heading are 90 active contracts that are in design, construction or monitoring in our state's 17 river basins.

Design-Bid-Build Contracts

					SFY 2016 / 17				SFY 2017 / 18				Total	Count
Current Contracts					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8		
Contract Number	State Fiscal Years (SFY)	Division	County	Consultant										
Contract #D14001i	Mud Lick Crk - Thomas	8	Chatham	Wildlands Engineering, Inc.	\$ -	\$ 28,250	\$ 28,251	\$ 28,251	\$ -	\$ -	\$ -	\$ -	\$ 84,752	1
Contract #D15012i	Bowman	8	Randolph	KCI Associates of NC	\$ 11,176	\$ 3,120	\$ 120,000	\$ 23,554	\$ -	\$ -	\$ -	\$ -	\$ 157,850	2
Contract #006741	Millstone Creek	8	Randolph	NCSU	\$ 94,137	\$ 13,528	\$ -	\$ 20,754	\$ -	\$ 54,417	\$ 35,000	\$ -	\$ 217,836	3
Contract #D12010S	Little Pine III	11	Alleghany	Wildlands Engineering, Inc.	\$ 10,045	\$ 10,045	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,090	4
Contract #D13022S	Little Pine II	11	Alleghany	Confluence Engineering	\$ 25,000	\$ 25,000	\$ 25,000	\$ 12,500	\$ 12,500	\$ -	\$ -	\$ -	\$ 100,000	5
Contract #D16013i	Glade II	11	Alleghany	Wildlands Engineering, Inc.	\$ 11,350	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 11,350	6
Contract #D16015i	UT West Branch Rocky Riv	10	Mecklenburg	KCI Associates of NC	\$ 20,250	\$ 20,250	\$ 20,250	\$ 20,250	\$ 20,250	\$ 20,250			\$ 121,500	7
Subtotal Design-Bid-Build - Current Contracts					\$ 171,958	\$ 100,193	\$ 193,501	\$ 105,309	\$ 32,750	\$ 74,667	\$ 35,000	\$ -	\$ 713,378	

					SFY 2016 / 17				SFY 2017 / 18				Total
Design-Bid-Build - New Contracts to be awarded SFY 2016/17 / SFY 2017/18					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
Design					\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction					\$ -	\$ 315,000	\$ 150,000	\$ 600,000	\$ 555,000	\$ 5,000	\$ -	\$ -	\$ 1,625,000
Acquisition ¹					\$ 35,000	\$ -	\$ 70,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 105,000
Subtotal Design-Bid-Build - New Contracts					\$ 35,000	\$ 315,000	\$ 220,000	\$ 600,000	\$ 555,000	\$ 5,000	\$ -	\$ -	\$ 1,730,000

Design-Bid-Build Total					SFY 2016 / 17				SFY 2017 / 18				Total
					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
					\$206,958	\$ 415,193	\$ 413,501	\$ 705,309	\$ 587,750	\$ 79,667	\$ 35,000	\$ -	\$ 2,443,378

Design-Build

					SFY 2016 / 17				SFY 2017 / 18				Total
Design-Build - Payments for New Contracts					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
Contract Number	Site Name	Division	County	Provider									
Contract #006256	Big Harris	12	Cleveland	Wildlands Engineering, Inc.	\$ -	\$ -	\$ 622,165	\$ 1,900,000	\$ 311,000	\$ -	\$ 124,500	\$ -	\$ 2,957,665
Total Design-Build Current Contracts					\$ -	\$ -	\$ 622,165	\$ 1,900,000	\$ 311,000	\$ -	\$ 124,500	\$ -	\$ 2,957,665

Full Delivery Contracts

Full Delivery - Current Contracts					SFY 2016 / 17				SFY 2017 / 18				Total	Count
					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8		
Contract Number	Site Name	Division	County	Provider										
Contract #003981	Muddy Run Site	3	Duplin	Environmental Banc & Exchange, LLC	\$ -	\$ 93,119	\$ -	\$ -	\$ -	\$ 93,119	\$ -	\$ -	\$ 186,238	9
Contract #003989	Devil's Racetrack	4	Johnston	Wildlands Engineering, Inc.	\$ -	\$ 420,966	\$ -	\$ -	\$ -	\$ 420,966	\$ -	\$ -	\$ 841,932	10
Contract #003267	Little Troublesome Creek	7	Rockingham	Wildlands Engineering, Inc.	\$ -	\$ 95,930	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 95,930	11
Contract #005012	Bowl Basin	3	Onslow	KCI Associates of NC	\$ -	\$ 26,460	\$ -	\$ -	\$ -	\$ 26,460	\$ -	\$ -	\$ 52,920	12
Contract #005010	Norman's Pasture	3	Sampson	KCI Associates of NC	\$ -	\$ 65,130	\$ -	\$ -	\$ -	\$ 65,130	\$ -	\$ -	\$ 130,260	13
Contract #005787	Norman's Pasture II	3	Sampson	KCI Technologies	\$ -	\$ 26,396	\$ -	\$ -	\$ -	\$ 10,558	\$ -	\$ -	\$ 36,954	14
Contract #005011	Cedar Creek	3	Sampson	Environmental Banc & Exchange, LLC	\$ -	\$ 95,500	\$ -	\$ -	\$ -	\$ 95,500	\$ -	\$ -	\$ 191,000	15
Contract #005000	UT to Millers Creek	3	Duplin	Florence and Hutcheson, Inc	\$ -	\$ 50,681	\$ -	\$ -	\$ -	\$ 50,681	\$ -	\$ -	\$ 101,362	16
Contract #004631	Best Site	3	Duplin	Environmental Banc & Exchange, LLC	\$ -	\$ 134,904	\$ -	\$ -	\$ -	\$ 134,904	\$ -	\$ -	\$ 269,808	17
Contract #004632	Muddy Run II Site	3	Duplin	Environmental Banc & Exchange, LLC	\$ -	\$ 127,700	\$ -	\$ -	\$ -	\$ 127,700	\$ -	\$ -	\$ 255,400	18
Contract #004954	Foust Creek	7	Alamance	Wildlands Engineering, Inc.	\$ -	\$ 89,817	\$ -	\$ -	\$ -	\$ 89,817	\$ -	\$ -	\$ 179,634	19
Contract #004949	Agony Acres	7	Guilford	Wildlands Engineering, Inc.	\$ -	\$ 113,521	\$ -	\$ -	\$ -	\$ 113,521	\$ -	\$ -	\$ 227,042	20
Contract #004951	UT to Cane Creek	7	Alamance	Michael Baker Engineering, Inc	\$ -	\$ 66,930	\$ -	\$ -	\$ -	\$ 66,930	\$ -	\$ -	\$ 133,860	21
Contract # 005151	Stanleys II	1	Northampton	KCI Associates of NC	\$ -	\$ 21,125	\$ -	\$ -	\$ -	\$ 21,125	\$ -	\$ -	\$ 42,250	22
Contract #004635	Stanleys Slough	1	Northampton	KCI Associates of NC	\$ -	\$ 78,377	\$ -	\$ -	\$ -	\$ 78,377	\$ -	\$ -	\$ 156,754	23
Contract #004628	Hofler Property	1	Gates	Albemarle Restorations, LLC	\$ -	\$ 30,800	\$ -	\$ -	\$ -	\$ 30,800	\$ -	\$ -	\$ 61,600	24
Contract #005790	Abbey Lamm	7	Alamance	Restoration Systems, LLC	\$ -	\$ 38,824	\$ -	\$ -	\$ -	\$ 38,824	\$ -	\$ -	\$ 77,648	25
Contract #005791	Aycock Springs	7	Alamance	Restoration Systems, LLC	\$ -	\$ 66,572	\$ -	\$ -	\$ -	\$ 26,629	\$ -	\$ -	\$ 93,201	26
Contract #005792	Browns Summit Creek	7	Guilford	Michael Baker Engineering, Inc	\$ -	\$ 499,375	\$ 199,750	\$ -	\$ -	\$ 99,875	\$ -	\$ -	\$ 799,000	27
Contract #005793	Maney Farm	8	Chatham	Wildlands Engineering, Inc.	\$ -	\$ 87,601	\$ -	\$ -	\$ -	\$ 35,040	\$ -	\$ -	\$ 122,641	28
Contract #005794	Candy Creek	7	Guilford	Wildlands Engineering, Inc.	\$ -	\$ 1,383,312	\$ 553,325	\$ -	\$ -	\$ 276,662	\$ -	\$ -	\$ 2,213,299	29
Contract #005795	Holman Mill	7	Alamance	Wildlands Engineering, Inc.	\$ -	\$ 70,744	\$ -	\$ -	\$ -	\$ 28,297	\$ -	\$ -	\$ 99,041	30
Contract #006746	Tar River Headwater Wetlands	5	Person	Mogensen Mitigation, Inc.	\$ 106,750	\$ -	\$ -	\$ -	\$ 45,750	\$ 15,250	\$ -	\$ -	\$ 167,750	31
Contract #006824	Pen Dell	4	Johnston	Water & Land Solutions	\$ 232,778	\$ 174,583	\$ -	\$ 174,583	\$ 58,194	\$ -	\$ -	\$ -	\$ 640,138	32
Contract #006825	Edwards-Johnson	4	Johnston	Water & Land Solutions	\$ 234,567	\$ 175,925	\$ -	\$ 175,925	\$ 58,642	\$ -	\$ -	\$ -	\$ 645,059	33
Contract #006826	Lake Wendell	4	Johnston	Water & Land Solutions	\$ 263,042	\$ 197,281	\$ -	\$ 197,281	\$ 65,760	\$ -	\$ -	\$ -	\$ 723,364	34
Contract #006827	Dry Creek	5	Durham	Wildlands Engineering, Inc.	\$ 988,372	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 282,392	\$ -	\$ 1,270,764	35

Full Delivery Contracts (page 2)

Full Delivery - Current Contracts (continued)					SFY 2016 / 17				SFY 2017 / 18				Total	Count
					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8		
Contract Number	Site Name	Division	County	Provider										
Contract #006828	Lochill Farm	7	Orange	Michael Baker Engineering, Inc.	\$ 265,680	\$ -	\$ 199,260	\$ 199,260	\$ 66,420	\$ 66,420	\$ -	\$ -	\$ 797,040	36
Contract #006829	Buckwater	7	Orange	Wildlands Engineering, Inc.	\$ -	\$ -	\$ -	\$ -	\$ 1,516,789	\$ -	\$ -	\$ -	\$ 1,516,789	37
Contract #006830	Stony Fork	4	Johnston	KCI Associates of NC	\$ 521,776	\$ -	\$ 391,332	\$ -	\$ 260,888	\$ 130,444	\$ -	\$ -	\$ 1,304,440	38
Contract #006832	Alliance Headwaters Option A	4	Johnston	Restoration Systems, LLC	\$ 519,246	\$ 389,435	\$ -	\$ -	\$ 259,623	\$ 129,812	\$ -	\$ -	\$ 1,298,116	39
Contract #006663	Puzzle Creek	13	Rutherford	Michael Baker Engineering, Inc.	\$ -	\$ 11,869	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 11,869	40
Contract #D06046-A	Logan Creek	14	Jackson	Michael Baker Engineering, Inc.	\$ -	\$ -	\$ 47,403	\$ -	\$ -	\$ -	\$ 47,403	\$ -	\$ 94,805	41
Contract #D06125-B	Elk Branch	13	Mitchell	Michael Baker Engineering, Inc.	\$ -	\$ -	\$ 35,862	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 35,862	42
Contract #002024	North Fork Mountain Creek	12	Catawba	Resource Environmental Solutions, LLC	\$ -		\$ 55,953	\$ -	\$ -	\$ -	\$ 55,953	\$ -	\$ 111,905	43
Contract #003271	Herman Dairy Farm	12	Alexander	Restoration Systems, LLC	\$ -	\$ -	\$ 83,003	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 83,003	44
Contract #003273	Buffalo Flats	10	Cabarrus	KCI Associates of NC	\$ -	\$ -	\$ 62,175	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 62,175	45
Contract #003983	Jacobs Ladder	9	Rowan	KCI Associates of NC	\$ -	\$ -	\$ 69,584	\$ -	\$ -	\$ -	\$ 69,584	\$ -	\$ 139,168	46
Contract #003984	Jacobs Landing	9	Rowan	KCI Associates of NC	\$ -	\$ -	\$ 63,845	\$ -	\$ -	\$ -	\$ 63,845	\$ -	\$ 127,690	47
Contract #003991	601 North II	10	Union	Environmental Banc & Exchange, LLC	\$ -	\$ -	\$ 56,072	\$ -	\$ -	\$ -	\$ -	\$ 112,143	\$ 168,215	48
Contract #003990	Town Creek	10	Stanly	Michael Baker Engineering, Inc.	\$ 99,680	\$ 49,840	\$ -	\$ 49,840	\$ -	\$ -	\$ -	\$ 49,840	\$ 249,200	49
Contract #003277	UT to Town Creek	10	Stanly	Michael Baker Engineering, Inc.	\$ -	\$ 192,090	\$ 96,045	\$ 192,090	\$ -	\$ -	\$ 96,045	\$ -	\$ 576,270	50
Contract #004644	Pee Dee Stream	10	Union	Environmental Banc & Exchange, LLC	\$ -	\$ -	\$ 107,100	\$ -	\$ -	\$ -	\$ 107,100	\$ -	\$ 214,200	51
Contract #004641	Brown Creek Tributaries	10	Anson	Michael Baker Engineering, Inc.	\$ 140,000	\$ -	\$ 140,000	\$ -	\$ -	\$ -	\$ 140,000	\$ -	\$ 420,000	52
Contract #004642	Hopewell	8	Randolph	Wildlands Engineering, Inc.	\$ -	\$ 121,000	\$ -	\$ -	\$ -	\$ 121,000	\$ -	\$ -	\$ 242,000	53
Contract #000615	East Buffalo Creek	14	Graham	Michael Baker Engineering, Inc.	\$ -	\$ 54,060		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 54,060	54
Contract #002029	Little Buffalo Creek	10	Cabarrus	Louis Berger	\$ -	\$ -	\$ 92,550	\$ -	\$ -	\$ -	\$ 92,550	\$ -	\$ 185,100	55
Contract #003979	Junes Branch	14	Jackson	Environmental Banc & Exchange, LLC	\$ -	\$ -	\$ 59,850	\$ -	\$ -	\$ -	\$ 59,850	\$ -	\$ 119,700	56
Contract #004672	Poplin Ridge Site	10	Union	Environmental Banc & Exchange, LLC	\$ -	\$ -	\$ 105,341	\$ -	\$ -	\$ -	\$ 105,341	\$ -	\$ 210,682	57
Contract #004673	Norkett Branch	10	Union	Wildlands Engineering, Inc.	\$ -	\$ -	\$ 165,102	\$ -	\$ -	\$ -	\$ 165,102	\$ -	\$ 330,205	58
Contract #004925	601 East	10	Union	Environmental Banc & Exchange, LLC	\$ -	\$ -	\$ 64,904	\$ -	\$ -	\$ -	\$ 64,904	\$ -	\$ 129,809	59
Contract #005999	Vile Creek	11	Alleghany	Wildlands Engineering, Inc.	\$ 254,000	\$ 168,000	\$ 254,000	\$ -	\$ -	\$ 34,000	\$ -	\$ -	\$ 710,000	60
Contract #005782	Henry Fork (Only Stream is 2984)	12	Catawba	Wildlands Engineering, Inc.	\$ 162,438	\$ -	\$ 81,219	\$ -	\$ -	\$ -	\$ 32,483	\$ -	\$ 276,139	61
Contract #005786	Roses Creek	13	Burke	ICA Engineering, Inc.	\$ 500,000	\$ 200,000	\$ 100,000	\$ -	\$ -	\$ -	\$ 40,000	\$ -	\$ 840,000	62
Contract #006402	John Deere	13	Rutherford	Resource Environmental Solutions, LLC	\$ 383,922	\$ -	\$ -	\$ 274,230	\$ 109,692	\$ -	\$ 54,846	\$ -	\$822,690	63

Full Delivery Contracts (page 3)

					SFY 2016 / 17				SFY 2017 / 18				Total	Count
Full Delivery - Current Contracts (continued)					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8		
Contract #006598	Cedar Branch	8	Randolph	KCI Associates of NC	\$ -	\$ -	\$270,900	\$ -	\$ -	\$ -	\$270,900	\$ -	\$541,800	64
Subtotal Full Delivery - Current Contracts					\$4,672,251	\$5,417,867	\$3,354,574	\$1,263,209	\$2,441,758	\$2,427,841	\$1,748,297	\$161,983	\$ 21,487,780	

					SFY 2016 / 17				SFY 2017 / 18				Total
Full Delivery - Payments for New Contracts to be Awarded -- SFY 2016/17 / SFY 2017/18 (Includes Bank Credit Purchases)					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
Subtotal Full Delivery - Payments for New Contracts					\$ 828,000	\$ 4,100,000	\$ 3,570,000	\$ 4,203,000	\$ 7,313,000	\$ 5,985,000	\$ 4,420,000	\$ 2,783,000	\$ 33,202,000

					SFY 2016 / 17				SFY 2017 / 18				Total
Full Delivery Total					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
					\$5,500,251	\$9,517,867	\$6,924,574	\$5,466,209	\$9,754,758	\$8,412,841	\$6,168,297	\$2,944,983	\$ 54,689,780

Monitoring / Maintenance, Repair and Equipment Contracts

Monitoring

Monitoring - Current Contracts					SFY 2016 / 17				SFY 2017 / 18				Total	
					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8		
Contract Number	Site Name	Division	County	Consultant										
Contract #005765	Stallings (G)	2	Jones	Robert J. Goldstein & Associates	\$ -	\$ 5,516	\$ -	\$ -	\$ -	\$ 5,516	\$ -	\$ -	\$ 11,032	65
Contract #004998	Little Alamance Creek	7	Alamance	EEE Consulting, Inc.	\$ 2,874		\$ 5,749		\$ 5,748	\$ -	\$ -	\$ -	\$ 14,371	66
Contract #004801	Greenbrier Creek	7	Chatham	Axiom Environmental, Inc.	\$ -	\$ -	\$ 6,296	\$ 6,296	\$ -	\$ -	\$ -	\$ -	\$ 12,592	67
Contract #004800	Meadowbranch	6	Robeson	URS	\$ 6,589		\$ 2,196		\$ -	\$ -	\$ -	\$ -	\$ 8,785	68
Contract #004682	Sandy Creek (Charles Williams)	8	Randolph	Sungate Design Group, PA		\$ 12,044	\$ -	\$ 6,022	\$ -	\$ 12,044	\$ -	\$ 6,022	\$ 36,132	69
Contract #005367	Meredell Farm Site	8	Randolph	SEPI Engineering & Construction, Inc.	\$ 1,080	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,080	70
Contract #005715	Bear Creek (Phillips Tract)	8	Chatham	Axiom Environmental, Inc.	\$ 554	\$ 5,545	\$ -	\$ 2,772	\$ -	\$ 5,545	\$ -	\$ 2,773	\$ 17,189	71
Contract #005365	Morgan Creek Floodplain	7	Orange	Mogensen Mitigation, Inc.	\$ -	\$ 3,750	\$ 1,500	\$ -	\$ -	\$ 3,000	\$ 750	\$ -	\$ 9,000	72
Contact#006604	Heath Dairy	8	Randolph	Mogensen Mitigation, Inc.	\$ 3,250	\$ 9,750	\$ -	\$ 3,250	\$ -	\$ 9,750	\$ -	\$ 3,250	\$ 29,250	73
Contract #004804	UT to Hauser Creek	9	Davie	Axiom Environmental, Inc.	\$ 3,061	\$ -	\$ 7,652	\$ -	\$ 3,061	\$ 3,061	\$ -	\$ -	\$ 16,835	74
Contract #004538	Newfound Creek	13	Buncombe	URS	\$ 14,275	\$ 4,760	\$ 9,520	\$ -	\$ 4,760	\$ -	\$ -	\$ -	\$ 33,315	75
Contract #006496	Hogan Creek	11	Surry	Wildlands Engineering, Inc.	\$ -	\$ 11,200	\$ -	\$ 5,600	\$ -	\$ 11,200	\$ -	\$ 5,600	\$ 33,600	76
Contract #005767	Helms	9	Rowan	Axiom Environmental, Inc.	\$ 2,400	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,400	77
Contract #005764	Suther	10	Cabarrus	Robert J. Goldstein & Associates	\$ 1,943	\$ 5,827	\$ -	\$ -	\$ 7,770	\$ -	\$ -	\$ -	\$ 15,540	78
Contract #005361	Lewis Creek	14	Henderson	Mogensen Mitigation, Inc.	\$ 1,475	\$ 1,475	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,950	79
Contract #005717	UT Martin Creek/Martin II	14	Cherokee	Axiom Environmental, Inc.	\$ 1,490	\$ 14,900	\$ -	\$ 7,450	\$ -	\$ 14,900	\$ -	\$ 7,450	\$ 46,190	80
Contract #004391	McKee	10	Cabarrus	Withers and Ravenel	\$ 5,965	\$ -	\$ 11,931	\$ 4,971	\$ 4,971	\$ -	\$ -	\$ -	\$ 27,838	81
Contract #006036	Five Mile Branch	12	Iredell	Arcadis	\$ 3,748	\$ -	\$ 11,244	\$ -	\$ 3,748	\$ -	\$ 11,244	\$ 3,748	\$ 33,732	82
Contract #004803	Mill Creek (Formerly Uwharrie Heritage)	8	Randolph	Axiom Environmental, Inc.	\$ 3,000	\$ 6,000	\$ -	\$ 3,000	\$ 6,000	\$ -	\$ -	\$ -	\$ 18,000	83
Contract #004661	Big Harris	12	Cleveland	Western Carolina Univ.	\$ 5,000	\$ 6,500	\$ 6,500	\$ 3,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 6,500	\$ 42,500	84
Subtotal Monitoring - Current Contracts					\$56,704	\$ 87,267	\$ 62,587	\$ 42,361	\$ 41,058	\$ 70,016	\$ 16,994	\$ 35,343	\$ 412,331	

					SFY 2016 / 17				SFY 2017 / 18				
Monitoring - New Contracts to be awarded SFY 2016/17 / SFY 2017/18					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	Total
Monitoring ²	Statewide	Multiple	Statewide	Undetermined	\$ 39,000	\$ 4,000	\$ 26,500	\$ -	\$ -	\$ 30,000	\$ 26,500	\$ 37,000	\$ 163,000
					\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal Monitoring- New Contracts					\$ 39,000	\$ 4,000	\$ 26,500	\$ -	\$ -	\$ 30,000	\$ 26,500	\$ 37,000	\$ 163,000

Monitoring - Total	SFY 2016 / 17				SFY 2017 / 18				Total
	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
	\$95,704	\$ 91,267	\$ 89,087	\$ 42,361	\$ 41,058	\$ 100,016	\$ 43,494	\$ 72,343	

Monitoring / Maintenance, Repair and Equipment Contracts (page 3)

Maintenance, Repair and Equipment

					SFY 2016 / 17				SFY 2017 / 18				
Maintenance, Repair and Equipment - Current Contracts					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	Total
Contract Number	Site Name	Division	County	Consultant									
Contract #D13002s	Veg Install & Management	Multiple	Statewide	Carolina Silvics	\$ -	\$ 25,594	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,594
Contract #D14012i	Stallings (G)-Construction	2	Jones	Carolina Silvics	\$ -	\$ -	\$ 2,245	\$ -	\$ -	\$ -	\$ 2,245	\$ -	\$ 4,490
Contract #D14019s	Bear Creek Maintenance	8	Chatham	Carolina Silvics	\$ -	\$ 248	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 248
Contract #D14004i	Veg Install & Management	Multiple	Statewide	Keller Environmental	\$ -	\$ 18,500	\$ 730	\$ -	\$ -	\$ 2,264	\$ -	\$ 2,264	\$ 23,759
Contract #D14005i	InvasiveManagement	Multiple	Statewide	Carolina Silvics	\$ -	\$ 16,807	\$ -	\$ 16,807	\$ -	\$ 16,807	\$ -	\$ 625	\$ 51,046
Contract #D16002i	Veg Install & Management	Multiple	Statewide	Bruton Natural Systems	\$ -	\$ -	\$ 13,800	\$ -	\$ -	\$ 6,900	\$ -	\$ -	\$ 20,700
Maintenance, Repair and Equipment - Current Contracts Subtotal					\$ -	\$ 61,149	\$ 16,775	\$ 16,807	\$ -	\$ 25,971	\$ 2,245	\$ 2,889	\$ 125,837

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					SFY 2016 / 17				SFY 2017 / 18				
Maintenance, Repair and Equipment - New Contracts to be awarded					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	Total
Maintenance and repair ³	Multiple	Multiple	various	tbd	\$ -	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30,000	\$ 60,000
Gauges and Equipment ⁴	Multiple	Multiple	various	tbd	\$ -	\$ -	\$ 1,000	\$ -	\$ -	\$ -	\$ 1,000	\$ -	\$ 2,000
Maintenance, Repair and Equipment - New Contracts Subtotal					\$ -	\$ 30,000	\$ 1,000	\$ -	\$ -	\$ -	\$ 1,000	\$ 30,000	\$ 62,000

					SFY 2016 / 17				SFY 2017 / 18				
Maintenance, Repair and Equipment - Total					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	Total
					\$ -	\$ 91,149	\$ 17,775	\$ 16,807	\$ -	\$ 25,971	\$ 3,245	\$ 32,889	\$ 187,837

					SFY 2016 / 17				SFY 2017 / 18				
Monitoring / Maintenance, Repair and Equipment - Total					Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	Total
					\$ 95,704	\$ 182,416	\$ 106,862	\$ 59,168	\$ 41,058	\$ 125,987	\$ 46,739	\$ 105,232	\$ 763,167

¹Includes any new or remaining acquisitions requiring DB / DBB implementation.

²New Monitoring is based on projects currently in design or construction.

³Based on current maintenance cost data

⁴Equipment costs based on maintenance required for existing gauges

Summary of Stewardship Costs

DMS Biennial Budget State Fiscal Years (SFY) 2016 / 17 and 2017 / 18

	SFY 2016 / 17				SFY 2017 / 18				Total
	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
Stewardship	\$ 78,000	\$ 78,000	\$ 78,000	\$ 78,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 612,000

NOTES:

The budget is based on the number of projects currently in DEQ Stewardship, the number of projects that are expected to be closed out and transferred to DEQ Stewardship in SFY 2016 / 17 and SFY 2017 / 18, and the Standard Operation Procedures agreed to by NCDEQ and NCDOT. Includes Stewardship Manager salary (85%), administration, legal and project monitoring cost.

No stewardship endowment funds are included in this biennial budget. The budget includes funds for annual stewardship activities performed by the DEQ Stewardship Program according to the contract with NCDOT. According to other terms of that contract, DEQ will be developing endowment estimates for mitigation sites during the coming fiscal year. NCDOT and DEQ will evaluate those endowment estimates and may alter the SFY 2016 / 17 budget to pay endowments for some mitigation sites.

No funds are included for stewardship of NCDOT-acquired mitigation sites.

Sites in Stewardship	IMS ID
601 North Property	92546
601 West Property	92545
Adkins Branch (Phase II)	7
Anderson Swamp	92526
Badin Inn	DMS Biennial Budget State Fiscal Years (SFY) 2016
Beaverdam Creek	92217
Beaverdam Creek and Trib (Parker Site)	92586
Big Cedar Creek	92532
Blockhouse Creek	92516
Brown Farm	92207
Brown Marsh Swamp	92517
Cane Creek	92325
Cane Creek (FD)	92521
Collins Site	92205
Columbus	92760
Conoconnara Swamp	92226
Crowns West	92329
Daniels Farm #2	92229
Davis Branch	92543
Dog Bite Creek	92533
Duke Swamp	92544
East Tarboro Canal (G)	123
Ellington Branch	92520
Farrar Dairy	92552
Flint Rock Farm #2	92812
Floogie Site	92486
Gatlin Swamp	92228
Glade Creek	854
Gray Farm	92219
Harrell Site	92230
Holly Grove	92523
Jarmans Oak	92550
Johnson Site (Hunting Creek)	197
Little River Farm	92759
Little Troublesome	749
Little White Oak Creek	92534
Mark's Creek TESC	92248
Mason Farm	92328
McDonald's Pond	242
Mocassin Creek (G)	256
Modlin Site	92227
Morgan Creek	92527
Morgan Creek (French Broad)	92531
Morgan Creek Floodplain	258

Sites in Stewardship	IMS ID
Naked Creek	261
Nicholls Farm (Troublesome Creek)	441
North Muddy Creek	92611
Perry Property (UT to Pembroke)	283
Pinch Gut Tributary	92518
Powell Property	92548
Puzzle Creek	92522
River Bend	307
Rockwell Pastures	92758
Rowan	317
Scaly Bark Creek Mitigation Site	94148
Sharpe Wetland Preservation	92241
Silver Creek-Conway	92218
Simpson Wetland	92234
Snowbird Tributaries	92764
Stricker Branch	92556
Suther	370
Thompson's Fork and Tributary	92524
Three Mile Creek	92664
Timberlake (Great Dismal Swamp)	92557
Tributary to Reedy Fork Creek	92528
UT Bear Creek (Weaver/McLeod property) (G)	92347
UT to Back Creek	92598
UT to Crab Creek	857
UT to Crooked Creek/Speas Property (G)	434
UT to Goose Creek (Coats)	93876
UT to Haw (Beckom)	92694
UT To The Lumber River	94068
Wildcat Branch	92508
Wolf Pond	92551

CFR Planning Framework

Watershed Planning budgets traditionally focus on finding adequate, cost effective mitigation projects that will provide the optimal environmental returns for the state's mitigation investments. The 2016-2017 biennial budget includes funding to complete the River Basin Restoration Priority (RBRP) update process and incorporate improvements to modeling capacity. The Division has improved its River Basin Restoration Priority (RBRP) processes to realize cost efficiencies and to improve the utility of planing products. The updated process emphasizes functional analyses at variable geospatial scales. This budget also funds RBRP updates for up to five river basins in the state as required by the US Army Corps of Engineers.

The Division of Mitigation Services has included funding for the development of a regional watershed plan for CF 02/03 in anticipation of extensive future mitigation needs. Contingency funding is also included to account for updates to existing plans or development of regional plans within Catalog Units with high impacts as a result of updated TIP prioritization.

Section 332.8 c(2)(x) of the 2008 federal mitigation rule requires periodic evaluation and reporting to determine how the program is meeting its aquatic resource goals and objectives. The Division has incorporated funding for post-implementation monitoring to address this requirement.

Current Watershed Plans (active contracts)*	SFY 2016 / 17				SFY 2017 / 18				Total
	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
Watersheds									
RBRP Process Revisions and Basin Updates**	\$ 75,215			\$ -	\$ -	\$ -	\$ -	\$ -	\$ 75,215
Subtotal - Project Development Current Contracts Projected Cost	\$ 75,215	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 75,215

Project Development - New Contracts Projected Cost	SFY 2016 / 17				SFY 2017 / 18				Total
	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
CF02/03 Regional Plan	\$ -	\$ 8,500	\$ 17,000	\$ 42,500	\$ 96,000	\$ 53,500	\$ 53,500	\$ 29,000	\$ 300,000
Contingency (LWP Updates/RWP Developement)	\$ -	\$ -	\$ -	\$ 34,000	\$ 68,000	\$ 68,000	\$ 51,000	\$ 34,000	\$ 255,000
RBRP Basin Updates***	\$ -	\$ -	\$ -	\$ 34,000	\$ 51,000	\$ 68,000	\$ 68,000	\$ 34,000	\$ 255,000
Post-Plan Implementation Monitoring and Modeling	\$ 60,000	\$ 73,000	\$ 75,000	\$ 79,000	\$ 41,000	\$ 45,000	\$ 45,000	\$ 30,000	\$ 448,000
Subtotal - Project Development - New Contracts	\$ 60,000	\$ 81,500	\$ 92,000	\$ 189,500	\$ 256,000	\$ 234,500	\$ 217,500	\$ 127,000	\$ 1,258,000

CFR Planning Framework - TOTAL	SFY 2016 / 17				SFY 2017 / 18				Total
	Quarter #1	Quarter #2	Quarter #3	Quarter #4	Quarter #5	Quarter #6	Quarter #7	Quarter #8	
	\$ 135,215	\$ 81,500	\$ 92,000	\$ 189,500	\$ 256,000	\$ 234,500	\$ 217,500	\$ 127,000	\$ 1,333,215

NOTES:

*Estimated cost to complete existing planning efforts.

**The Division is contracting out the technical development for the River Basin Restoration Priority (RBRP) methodology. Included in the contract are completion of Catawba and Tar-Pamlico RBRP updates.

***This amount will be used to update additional river basins across the state as required by USACE.